

 FORM PTO-1449 INFORMATION DISCLOSURE CITATION				Atty Docket FE 6163 (US)		Serial No. 10/589,590	
				Applicant John Richard Severn et al.			
				Filing Date August 16, 2006		Group Art Unit Not Yet Assigned	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
<i>CL</i>	AA	4,399,054	08/16/83	Ferraris et al.			
	AB	5,145,819	09/08/92	Winter et al.			
	AC	5,239,022	08/24/93	Winter et al.			
	AD	5,243,001	09/07/93	Winter et al.			
	AE	5,324,800	06/28/94	Welborn, Jr. et al			
	AF	5,556,928	09/17/96	Devore et al.			
	AG	5,698,487	12/16/97	Sacchetti et al			
	AH	6,500,975	12/31/02	Schwab et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
<i>CL</i>	AI	129,368	12/27/85	EP			
	AJ	395,083	10/31/90	EP			
	AK	416,815	03/13/91	EP			
	AL	420,436	04/03/91	EP			
	AM	485,820 (counterpart US 5,239,022)	05/20/92	EP			
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>CL</i>	AN	F.R.W.P. Wild et al., <i>ansa</i> -Metallocene Derivatives-IV.*Synthesis and Molecular Structures of Chiral <i>ansa</i> -Titanocene Derivatives with Bridged Tetrahydroindenl Ligands, <u>Journal of Organometallic Chemistry</u> , Vol. 232, p. 233-247 (1982)					
	AO	A. Cardoso et al., "Reactions of Trimethylsilylcyclopentadiene Derivatives with Titanium, Niobium, and Tantalum Halides," <u>J. Chem. Soc., Dalton Trans.</u> , Vol. 7, p. 1156-1160 (1980)					
	AP	D. W. Stephan et al., "An Approach to Catalyst Design: Cyclopentadienyl-Titanium Phosphinimide Complexes in Ethylene Polymerization," <u>Organometallics</u> , Vol. 22, p. 1937-1947 (2003)					
Examiner <i>Angela Lu</i>				Date Considered <i>10-26-07</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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		Document Number	Date	Country	Class	Sub-Class	Translation
C	BA	485,822 (counterpart US 5,243,001)	05/20/92	EP			
	BB	485,823 (counterpart US 5,145,819)	05/20/92	EP			
	BC	553,806	08/04/93	EP			
	BD	576,213	12/29/93	EP			
	BE	643,066	03/15/95	EP			
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
C	BF	J. Sassmannshausen et al., "Half-sandwich complexes of titanium and zirconium with pendant phenyl substituents. The influence of <i>ansa</i> -aryl coordination on the polymerisation activity of half-sandwich catalysts," <u>Journal of Organometallic Chemistry</u> , Vol. 592, p. 84-94 (1999)					
	BG	H. Seock Cho et al., "Polymerization of Ethylene and Ethylene/1-Hexene over Ziegler-Natta/Metallocene Hybrid Catalysts Supported on MgCl ₂ Prepared by a Recrystallation Method," <u>Journal of Applied Science</u> , Vol. 70, p. 1707-1715 (1998)					
	BH	Y. Gwan Ko et al., "The Characteristics of Metallocene/Ziegler-Natta Hybrid Catalysts Supported on the Recrystallized MgCl ₂ ," <u>Korean J. Chem. Eng.</u> , Vol. 16(5), p. 562-570 (1999)					
EXAMINER: <i>Gylian Lu</i>				Date Considered <i>10-26-07</i>			
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Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
ca	CA	671,404	09/13/95	EP			
	CB	63 168408	11/15/94	JP			w/abstract
	CC	91/04257	04/04/91	WO			
	CD	96/22995	08/01/96	WO			
	CE	98/22486	05/28/98	WO			

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
ca	CF		H. Seock Cho et al, "Preparation of Inorganic MgC ₂ -Alcohol Adduct and Its Application in Organometallic HYBRID Catalysts for Ethylene Polymerization" <u>Korean J. Chem. Eng.</u> , Vol. 19(4), p. 557-563 (2002)
	CG		G. Satyanarayana et al., "An Unusually Stable Supported Bis(cyclopentadienyl)titanium Dichloride-Trialkylaluminum Catalyst System for Ethylene Polymerization," <u>Macromolecules</u> , Vol. 26(17), p. 4712-4714 (1993)
	CH		H. Seock Cho et al., "Synthesis of inorganic MgCl ₂ -alcohol adduct via recrystallization method and its application in supported organometallic catalysts for the polymerization of ethylene with 1-hexene" <u>Journal of Molecular Catalysis A: Chemical</u> 191 p. 155-165 (2003)

Examiner <u>Benjamin Ln</u>	Date Considered <u>10-26-07</u>
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Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
<i>ca</i>	DA	99/24446	05/20/99	WO	<i> </i>	<i> </i>	<i> </i>
<i> </i>	DB	99/58538	11/18/99	WO	<i> </i>	<i> </i>	<i> </i>
<i> </i>	DC	01/44318	06/21/01	WO	<i> </i>	<i> </i>	<i> </i>
<i> </i>	DD	01/47939	07/05/01	WO	<i> </i>	<i> </i>	<i> </i>
<i> </i>	DE	02/070569	09/12/02	WO	<i> </i>	<i> </i>	<i> </i>
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>ca</i>	DF		K. Soga et al., "Copolymerization of olefins with SiO ₂ -, Al ₂ O ₃ -, and MgCl ₂ -supported metallocene catalysts activated by trialkylaluminiums," <u>Macromol. Chem. Phys.</u> , Vol. 195, p. 1369-1379 (1994)				
<i> </i>	DG		K. Tanaka et al., "Rheological Analysis of Surface Relaxation Process of Monodisperse Polystyrene Films," <u>Macromolecules</u> , Vol. 33(20), p. 7588-7593 (2000)				
Examiner <i>Anita Lu</i>				Date Considered <i>10-26-07</i>			
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10/589,590Applicant
John Richard Severn et al.Filing Date
August 16 2006Group Art Unit
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Issue Date	Name	Class	Sub- Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub- Class	Trans- lation
ci	EA	03/045964 (corresponds to PCT/EP02/13552)	06/05/03	WO			

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Caijun Lu

Date Considered

10-26-07

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